

## Welding and Fabrication Technology I Certificate (4336)

This certificate introduces students to basic technical skills in industrial welding, as well as theory and safety. Successful completion of these courses will prepare students to gain entry into positions including fabrication, welding, soldering, and brazing.

Course	Title	Credit Hours
Comprehensive Lincoln Electric Welding Program		
OR the following five courses:		
WELD 1300	Thermal Cutting, Gouging, Brazing, and Soldering	2
WELD 1320	Basic SMAW (Stick) Welding	2
WELD 1330	Basic GTAW (TIG)	3
WELD 1340	Basic FCAW (Flux Cored) and GMAW (MIG/MAG) Welding <sup>1</sup>	3
WELD 1370	Basic Pipe Welding	3
Total		13
WELD 1030	Arc Welding Fundamentals	3
WELD 1040	Introduction to Metal Fabrication and Mechanized Welding	3
CIVT 2025	Safety in Construction	2
OR		
OSHA 30-Hour General Industry Outreach Training		
OR		
OSHA 30-Hour Construction Industry Outreach Training		
Total		8
<b>Certificate Total</b>		<b>21</b>

<sup>1</sup> In addition to the supplies listed in the course description, this course also requires welders or MIG pliers as part of the required supplies.